

FIG. 1

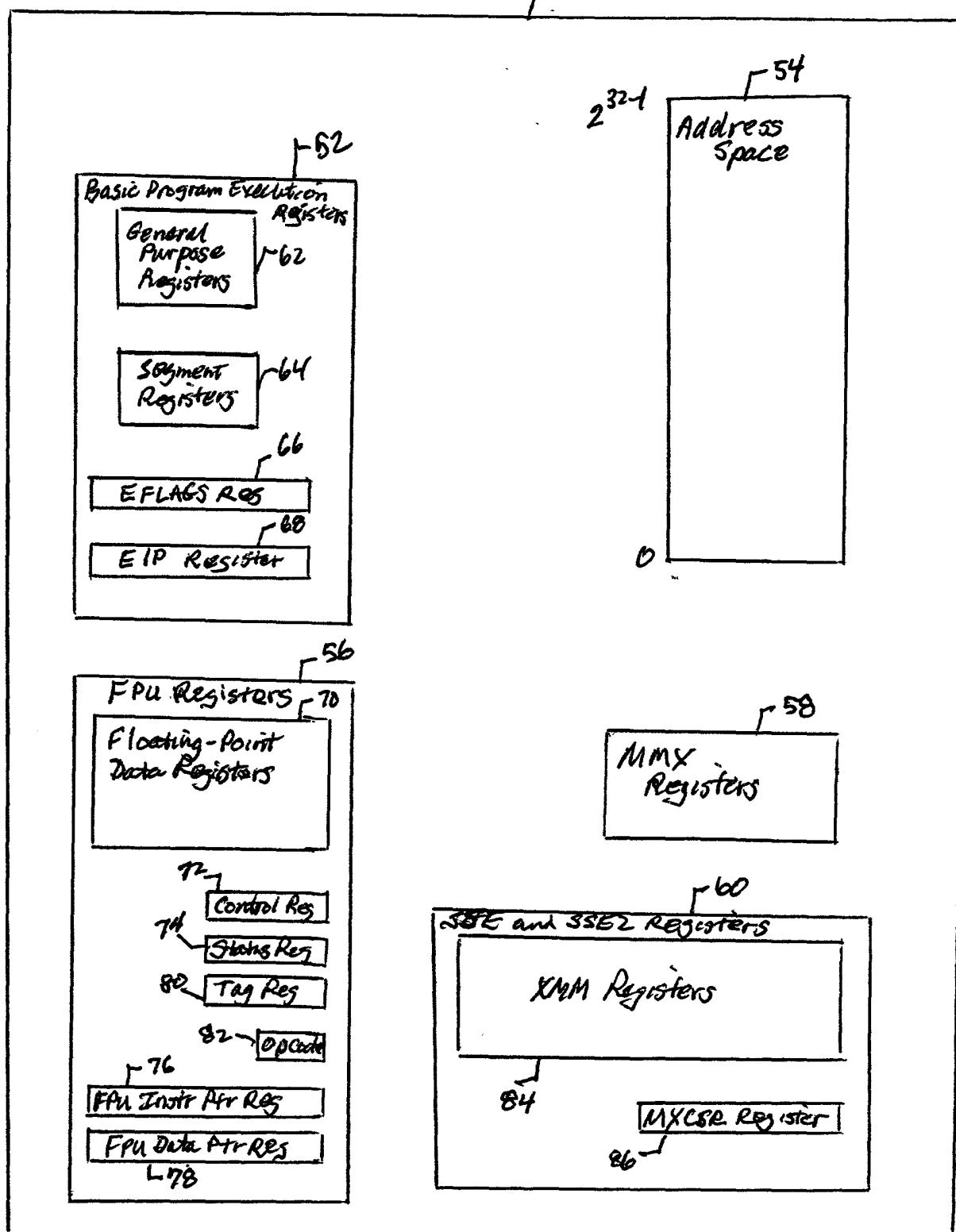
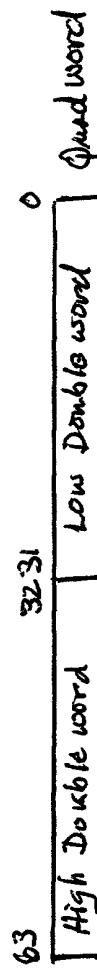
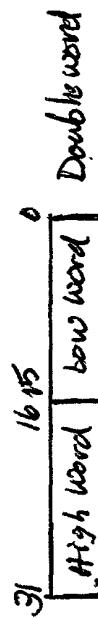
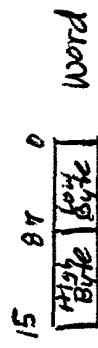


FIG. 2

F1 G, 3

Byte



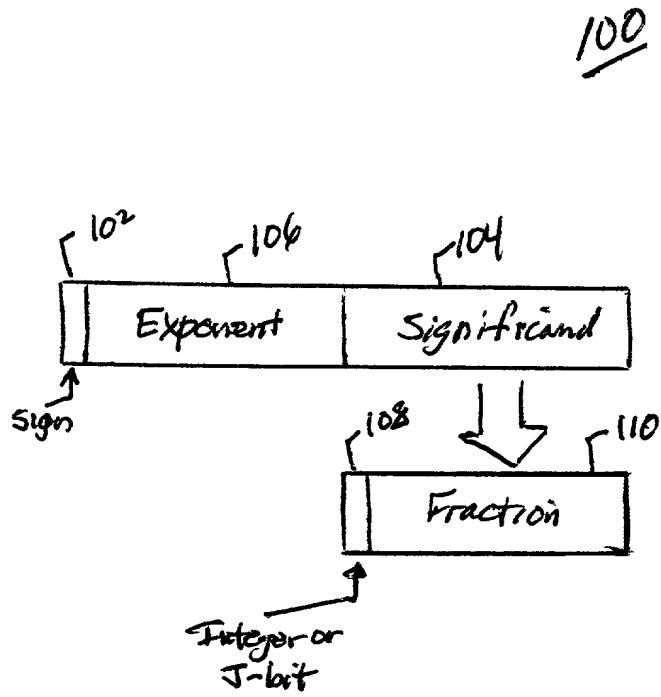


FIG. 4

120

SIMD Extension	Register Layout	Data Type
	MMX Registers <i>58</i>	
MMX Technology		8 Packed Byte Integers
		4 Packed Word Integers
		2 Packed Doubleword Integers
		Quadword
	MMX Registers <i>58</i>	
SSE		8 Packed Byte Integers
		4 Packed Word Integers
		2 Packed Doubleword Integers
		Quadword
	XMM Registers <i>84</i>	
		4 Packed Single-Precision Floating-Point Values
	MMX Registers <i>58</i>	
SSE2		2 Packed Doubleword Integers
		Quadword
	XMM Registers <i>84</i>	
		2 Packed Double-Precision Floating-Point Values
		16 Packed Byte Integers
		8 Packed Word Integers
		4 Packed Doubleword Integers
		2 Quadword Integers
		Double Quadword

FIG. 5